

Table 17A
Cancer Incidence in Hingham, MA
CT 5012
1982-1994

| 1982-1994 | Total | | | | | | Male | | | | | | Female | | | | | |
|-----------|-------|------|-----|----|----|-------|------|------|-----|----|----|-------|--------|------|-----|----|----|-----|
| | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI |
| Bladder | 20 | 21.8 | 92 | 56 | -- | 142 | 16 | 15.9 | 100 | 57 | -- | 163 | 4 | 5.9 | NC | | | NC |
| Brain | 7 | 8.2 | 85 | 34 | -- | 176 | 2 | 4.6 | NC | | | NC | 5 | 3.6 | 138 | 44 | -- | 321 |
| Kidney | 11 | 12.6 | 87 | 43 | -- | 156 | 6 | 7.9 | 76 | 28 | -- | 166 | 5 | 4.7 | 105 | 34 | -- | 246 |
| Leukemia | 2 | 10.5 | NC | | | NC | 0 | 6.0 | NC | | | NC | 2 | 4.5 | NC | | | NC |
| Liver | 1 | 2.7 | NC | | | NC | 1 | 1.9 | NC | | | NC | 0 | 0.7 | NC | | | NC |
| Lung | 54 | 82.3 | 66 | * | 49 | -- 86 | 30 | 51.6 | 58 | * | 39 | -- 83 | 24 | 30.7 | 78 | 50 | -- | 116 |
| NHL | 21 | 18.6 | 113 | 70 | -- | 172 | 13 | 9.9 | 131 | 70 | -- | 225 | 8 | 8.7 | 92 | 39 | -- | 181 |
| Pancreas | 5 | 11.4 | 44 | 14 | -- | 102 | 2 | 5.6 | NC | | | NC | 3 | 5.8 | NC | | | NC |

Notes:

Expected number of cases presented are rounded to the nearest tenth.

SIRs are calculated based on the exact number of expected cases.

SIRs and 95% Confidence Interval are not calculated when fewer than 5 cases are observed.

Obs = Observed number of cases

Exp = Expected number of cases

SIR = Standardized Incidence Ratio

NC = Not Calculated

95% CI = 95% Confidence Interval

* Indicates statistical significance (P<.05)

Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health

Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health

Table 17B
Cancer Incidence in Hingham, MA
CT 5012
1982-1986 & 1987-1994

| 1982-1986 | Total | | | | | | Male | | | | | | Female | | | | | |
|-----------|-------|------|-----|----|----|-----|------|------|-----|----|----|-----|--------|-----|-----|----|----|-----|
| | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI |
| Bladder | 7 | 8.1 | 86 | 34 | -- | 177 | 7 | 5.8 | 120 | 48 | -- | 247 | 0 | 2.3 | NC | | | NC |
| Brain | 2 | 2.7 | NC | | | NC | 1 | 1.5 | NC | | | NC | 1 | 1.2 | NC | | | NC |
| Kidney | 0 | 3.6 | NC | | | NC | 0 | 2.2 | NC | | | NC | 0 | 1.4 | NC | | | NC |
| Leukemia | 1 | 3.9 | NC | | | NC | 0 | 2.1 | NC | | | NC | 1 | 1.7 | NC | | | NC |
| Liver | 0 | 0.8 | NC | | | NC | 0 | 0.6 | NC | | | NC | 0 | 0.3 | NC | | | NC |
| Lung | 20 | 27.7 | 72 | 44 | -- | 112 | 10 | 18.1 | 55 | 26 | -- | 102 | 10 | 9.6 | 104 | 50 | -- | 191 |
| NHL | 6 | 5.8 | 104 | 38 | -- | 226 | 3 | 3.0 | NC | | | NC | 3 | 2.8 | NC | | | NC |
| Pancreas | 0 | 4.2 | NC | | | NC | 0 | 2.0 | NC | | | NC | 0 | 2.2 | NC | | | NC |

| 1987-1994 | Total | | | | | | Male | | | | | | Female | | | | | |
|-----------|-------|------|-----|----|----|-------|------|------|-----|----|----|-------|--------|------|-----|----|----|-----|
| | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI | Obs | Exp | SIR | 95 | % | CI |
| Bladder | 13 | 13.5 | 96 | 51 | -- | 164 | 9 | 10.0 | 90 | 41 | -- | 172 | 4 | 3.6 | NC | | | NC |
| Brain | 5 | 5.5 | 92 | 30 | -- | 214 | 1 | 3.0 | NC | | | NC | 4 | 2.4 | NC | | | NC |
| Kidney | 11 | 9.0 | 122 | 61 | -- | 218 | 6 | 5.7 | 105 | 38 | -- | 229 | 5 | 3.3 | 150 | 48 | -- | 351 |
| Leukemia | 1 | 6.6 | NC | | | NC | 0 | 3.8 | NC | | | NC | 1 | 2.7 | NC | | | NC |
| Liver | 1 | 1.8 | NC | | | NC | 1 | 1.4 | NC | | | NC | 0 | 0.5 | NC | | | NC |
| Lung | 34 | 54.3 | 63 | * | 43 | -- 88 | 20 | 33.2 | 60 | * | 37 | -- 93 | 14 | 21.0 | 67 | 36 | -- | 112 |
| NHL | 15 | 12.8 | 117 | 65 | -- | 193 | 10 | 6.9 | 145 | 70 | -- | 267 | 5 | 5.9 | 84 | 27 | -- | 197 |
| Pancreas | 5 | 7.2 | 70 | 23 | -- | 163 | 2 | 3.6 | NC | | | NC | 3 | 3.5 | NC | | | NC |

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Obs = Observed number of cases

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SIR = Standardized Incidence Ratio

NC = Not Calculated

95% CI = 95% Confidence Interval

* Indicates statistical significance (P<.05)

Data source: Massachusetts Cancer Registry, Bureau of Health Statistics, Research and Evaluation, Mass. Dept. of Public Health

Data Analysis: Community Assessment Unit, Bureau of Environmental Health Assessment, Mass. Dept. of Public Health